



City of Macon
Electric Generation and Emissions in 2010

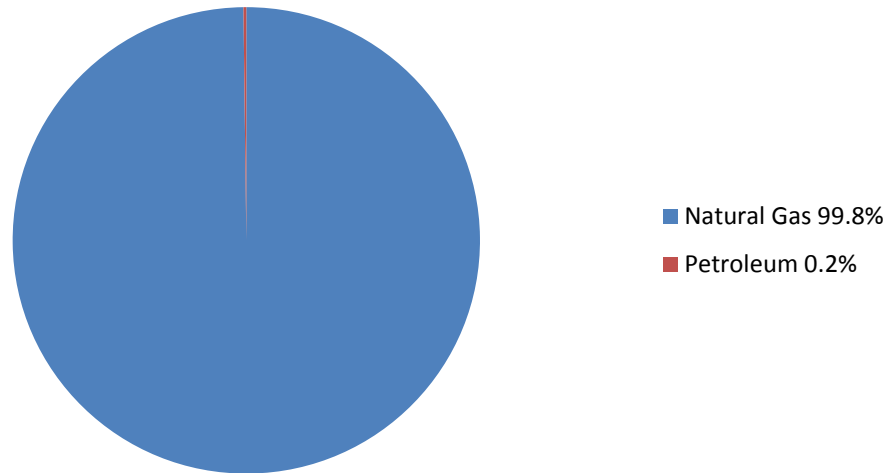
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	1,041,781	99.8%	99.8%	79,105	99.8%	99.8%
Petroleum	1,660	0.2%	0.2%	156	0.2%	0.2%
Nuclear						
Other						
Non-renewable total	1,043,441	100.0%	100.0%	79,261	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	1,043,441		100.0%	79,261		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	947,074
Distillate Fuel Oil	Barrels	286



Net Generation by Fuel Type, 2010 for City of Macon





Missouri
Department of
Natural Resources

Power Plant Nameplate information for City of Macon

Plant Name	County Location	Nameplate Capacity (MW)
<i>City of Macon</i>		<i>128.0</i>
Macon	Macon	44.8
Sub 2 Generating Station	Macon	14.4
Macon Energy Center	Macon	40.0
Sub 3 Generating Station	Macon	28.8



Missouri
Department of
Natural Resources

Emissions from Electricity Generated in 2010: City of Macon

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>City of Macon</i>	484,764	244,082	4,615	464
Macon	1,047	238	10	2
Macon Energy Center	482,405	243,545	4,593	459
Sub 2 Generating Station	398	90	4	1
Sub 3 Generating Station	914	208	9	2

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>City of Macon</i>	0	0.0000	0.0000
Macon	0	0.0000	0.0000
Macon Energy Center	0	0.0000	0.0000
Sub 2 Generating Station	0	0.0000	0.0000
Sub 3 Generating Station	0	0.0000	0.0000



Missouri
Department of
Natural Resources

Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by City of Macon

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by City of Macon

Plant	Control Equipment
	No FGP Controls Installed

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>